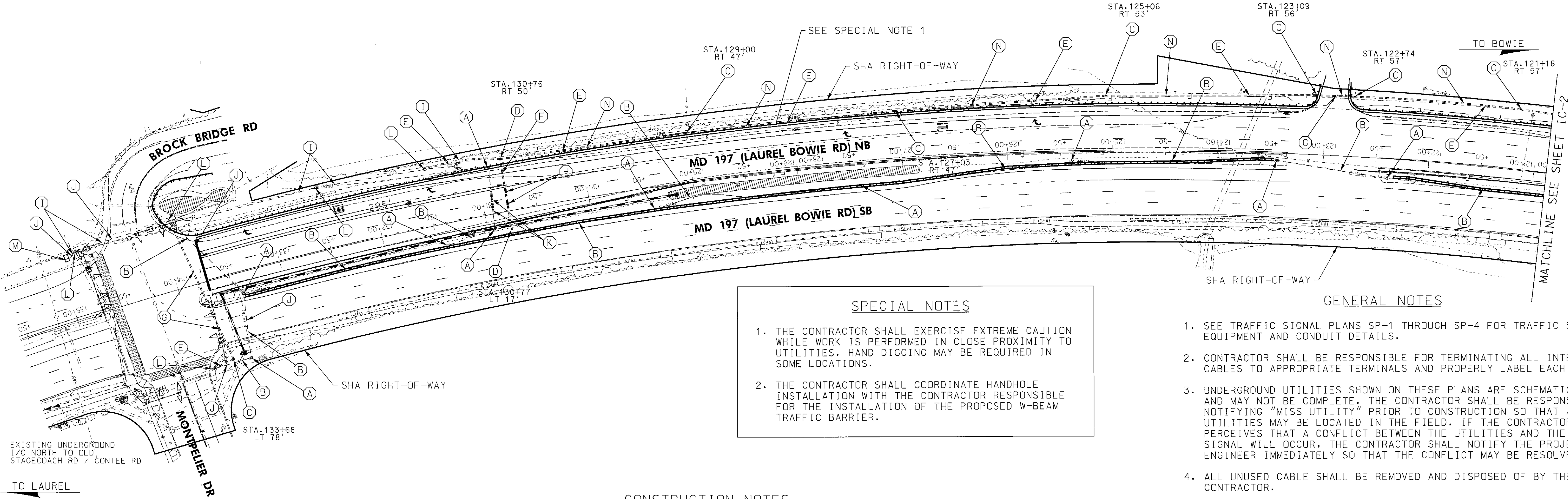


PROJECT DESCRIPTION

THIS PROJECT INVOLVES REPLACEMENT OF EXISTING INTERCONNECT CABLE IMPACTED BY CONSTRUCTION BETWEEN BROCK BRIDGE ROAD AND MUIRKIRK ROAD. MD 197 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EQUIPMENT LIST "A, B & C"

A. EQUIPMENT TO BE SUPPLIED BY SHA.		B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
800000	REMOVE AND DISPOSAL OF EXISTING SIGNAL EQUIPMENT	LS	1
800000	DISCONNECT, PULLBACK & REROUTE CABLES	LF	1390
805118	4 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED	LF	340
805135	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	LF	1725
805150	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-SLOTTED	LF	75
810605	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE	EA	2
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	12
822002	12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND)	LF	2680
C. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.			



SPECIAL NOTES

1. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHILE WORK IS PERFORMED IN CLOSE PROXIMITY TO UTILITIES. HAND DIGGING MAY BE REQUIRED IN SOME LOCATIONS.
2. THE CONTRACTOR SHALL COORDINATE HANDHOLE INSTALLATION WITH THE CONTRACTOR RESPONSIBLE FOR THE INSTALLATION OF THE PROPOSED W-BEAM TRAFFIC BARRIER.

GENERAL NOTES

1. SEE TRAFFIC SIGNAL PLANS SP-1 THROUGH SP-4 FOR TRAFFIC SIGNAL EQUIPMENT AND CONDUIT DETAILS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL INTERCONNECT CABLES TO APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
3. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
4. ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL COMPLETE INSTALLATION OF THE INTERCONNECT CABLE PRIOR TO THE EXISTING INTERCONNECT CABLE BEING IMPACTED.
6. THE CONTRACTOR SHALL COORDINATE HANDHOLE AND CONDUIT INSTALLATION WITH THE CONTRACTOR RESPONSIBLE FOR THE INSTALLATION OF THE PROPOSED W-BEAM TRAFFIC BARRIER AND DRAINAGE.

CONSTRUCTION NOTES

- |   |   |
|---|---|
| A. REMOVE EXISTING ELECTRICAL HANDHOLE AND BACKFILL.  | K. REMOVE EXISTING NON-INVASIVE MICROLOOP PROBE SET. CAP AND ABANDON EXISTING CARRIER PIPE. |
| B. CAP AND ABANDON EXISTING CONDUIT.  | L. USE EXISTING HANDHOLE.   |
| C. INSTALL ELECTRICAL HANDHOLE.   | M. USE EXISTING BASE MOUNTED CABINET.   |
| D. INSTALL ELECTRICAL HANDHOLE. INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO ROADWAY.  | N. INSTALL 12-PAIR COMMUNICATION CABLE FOR INTERCONNECT.                                    |
| E. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.   |   |
| F. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED FOR CARRIER PIPE. CONTRACTOR SHALL INSTALL CONDUIT PRIOR TO FINAL ROADWAY SURFACE INSTALLATION. |   |
| G. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.  |   |
| H. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN CABLE. INSTALL DETECTORS CENTERED IN LANE.  |   |
| I. INSTALL 12-PAIR COMMUNICATION CABLE FOR INTERCONNECT AND LEAD-IN CABLE FOR NON-INVASIVE MICROLOOP PROBE SETS.  |   |
| J. DISCONNECT, PULLBACK AND REROUTE TRAFFIC SIGNAL CABLES FOR EQUIPMENT LOCATED ON THE SOUTHWEST CORNER MAST ARM POLE.                                    |   |

GEOMETRIC LEGEND

- EXISTING  
--- PROPOSED
- UTILITY LEGEND
- |    |                  |
|----|------------------|
| SD | STORM DRAIN      |
| G  | GAS MAIN         |
| W  | WATER MAIN       |
| S  | SEWER MAIN       |
| E  | ELECTRIC CABLES  |
| A  | AERIAL CABLES    |
| T  | TELEPHONE CABLES |
| F  | FIBER-OPTIC      |



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<i>[Signature]</i> DIVISION CHIEF	
<i>[Signature]</i> OFFICE DIRECTOR	



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 197 (LAUREL BOWIE RD)  
FROM MONTEPIER DR TO MUIRKIRK RD  
LAUREL, MARYLAND

INTERCONNECT PLAN

SCALE 1"=50'	DATE OCTOBER 2012	CONTRACT NO. PG3655176
DESIGNED BY WFW	COUNTY PRINCE GEORGE'S	
DRAWN BY WFW	LOGMILE 16019712.21 TO 16019712.73	
CHECKED BY BJC	TMS NO. L508	
FAP NO.	TOD NO.	
TS NO.	DRAWING IC-1	OF 2 SHEET NO. OF